



Part Number: 8453

Audio/Control/Instrumentation, (3) 18 AWG (41x34) TC, EPDM/Rubber, Type SV

Product Description

Three 18 AWG stranded (41x34) tinned copper conductors, EPDM insulation, rubber jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	41x34	TC - Tinned Copper	3

Conductor Count:	3
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Insulation

Material	Nominal Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.018 in

Color Chart

Color
Black
White
Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
Rubber	0.256 in	0.036 in	Cotton Serve

Construction and Dimensions

Type of Cordage:	SV
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Stranding

Lay Length
Black mm

Cabling

Filler
Jute

Electrical Characteristics

Current

Max. Recommended Current [A]
10 Amps per conductor @ 25°C, 7 Amps per conductor @ 25°C over 50 ft

7 Amps per conductor @ 25°C over 50 ft.

Voltage

Dielectric Withstand Voltage	UL Voltage Rating
1500 V AC Applied for 1 Min.	300V RMS

Temperature Range

UL Temp Rating:	60°C
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Mechanical Characteristics

Bulk Cable Weight:	42 lbs/1000ft
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Standards

NEC/(UL) Specification:	SV
CSA AWM Specification:	SV

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-13
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
8453 010100	BLACK
8453 010500	BLACK

Product Notes

Notes:	Cotton Serve Separator Material
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